

METHOD FOR INDEPENDENTLY ADJUSTING SIX COLOR
CLASSES WITH THE CONSIDERATION OF BOUNDARY
COLORS ON A DISPLAY DEVICE

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ABSTRACT OF THE DISCLOSURE

A method for independently adjusting six color classes with the consideration of boundary colors on a display device comprises steps of: detecting a plurality of pixels of a display device and calculate a first tint and a second tint of the pixels; defining a first pixel, the first tint and second tint of the first pixel both locating in the targeted color class; defining a second pixel, the second pixel being close to the first pixel, and the first tint and the second tint of the second pixel both locating in the neighboring of the targeted color class; defining a third pixel, said third pixel being neither the first pixel nor the second pixel; finding the first pixel and second pixel and adjusting their colors; and finding the third pixel and keeping its original color.